

Application No. 09/856,228 (Linden) Art Unit: 3725 Page 2 of 17

Amendments to the Claims (deletions/addition mark-ups to Claims dated Oct. 24, 08 as corrected March 12, 2009, regarding the multiple-dependant claim objection)

1. (CURRENTLY AMENDED) A powered interactive physical display apparatus operable with or without scripted control routines executed by the CPU of a PC host computer, said apparatus having of a plurality of components comprising
- (a) an energy source means for providing power to the apparatus,
 - (b) ~~transducing~~ means for receiving input, including means for receiving at least one input from a user and for producing from the input at least one signal display output,
 - means for displaying stimuli, including means for displaying one or more tactile stimuli to the user in response to at least a user input, and
 - (c) means for operatively connecting the said energy source means and the input receiving ~~transducing~~ means.

2. (CURRENTLY AMENDED) ~~A powered interactive physical display operable without operating environment software loaded on the RAM of a PC host computer, said~~ The apparatus of claim 1, further comprising:
- (a) ~~an energy source means for receiving information providing power to the apparatus,~~
 - (b) ~~transducing~~ means for storing the information input and display output,

Application No. 09/856,228 (Linden) Art Unit: 3725 Page 3 of 17

~~(e) means for processing the information, operatively connecting said energy source means and transducing means.~~
means controlling the functions of the apparatus, and
means for transmitting the information.

3. (CURRENTLY AMENDED) ~~The A-powered interactive physical display apparatus of claim 1, wherein the means for producing the input signal includes producing at least an electronic signal, and wherein the input means does not include a means to receive an input from the user operable without a PC host computer, said apparatus comprising:~~

- ~~(a) an energy source means for providing power to the apparatus,~~
- ~~(b) transducing means for input and display output,~~
- ~~(c) means for operatively connecting said energy source and transducing means.~~

4. (CURRENTLY AMENDED) ~~A powered interactive physical display apparatus operable with or without servo mechanisms, said a electronic closed-loop component for controlling tactile-feedback, force-feedback or bio-feedback, the apparatus comprising of a plurality of components comprising:~~

- ~~(a) an energy source means for providing that provides power to the apparatus,~~
- ~~(b) a transducer, the apparatus therewith operable to receive an input and produce from the input information, a signal or other form of energy, or information transducing means for input and display output, and~~

Application Number 09/856,228 (Linden) Art Unit: 3725 Page 4 of 17

~~(e) means for operatively connecting said energy source and transducing~~
means an output component, the apparatus therewith operable to display at least
tactile stimuli to the user.

5-10 (Cancelled)

11. (CURRENTLY AMENDED) ~~A powered interactive physical output display~~
The apparatus according to any one of claims 1-6 of claim 2, further comprising of
means for local or remote control remotely controlling other devices.

12-18 (Cancelled)

19. (CURRENTLY AMENDED) ~~A powered interactive physical output display~~
The apparatus according to any one of claims 1-6, 11, 13 and 17 of claim 2, further
comprised of means comprising of at least one means for recording for recording and
playing back information.

20. (Cancelled)

21. (CURRENTLY AMENDED) ~~The [A] powered interactive physical display~~
apparatus according to any one of claims 1-6, 11, 13, 17 and 19 claim 4, comprising
at least one further comprised of means for additional or hybrid video-tactile displays
transducer, the apparatus operable for inputting tactile information or and for
displaying at least visual and tactile information additional forms of energy or media.

Application Number 09/856,228 (Linden) Art Unit: 3725 Page 5 of 17

22. (CURRENTLY AMENDED) ~~The [A] powered interactive physical display apparatus according to any one of claims 1-6, 11, 13, 17, 17, 19 and 21 claim 4, comprising at least one further comprised of a means for additional or hybrid video-tactile displays transducer, the apparatus operable for displaying at least visual and tactile information additional forms of energy or media.~~

23. (Cancelled)

Application Number 09/856,228 (Linden) Art Unit: 3725 Page 6 of 17

24. (CURRENTLY AMENDED) A method for providing centrally or distributed controlled energy display services to or from remote individuals or groups, the method comprising the following steps:

- a) providing one or more remote humans with a ~~version of the~~ powered interactive physical display apparatus ~~equipped with communication means, according any one of claims 1-6, 11, 13, 17, 19, 21-22 and 25 to claim 4;~~
- b) connecting at least one of said display apparatus to a communication system for communication with a ~~central control system~~ center; and
- e) transmitting control information to or from said ~~central control center~~ to one or more of said remote powered interactive physical display apparatus.

25. (CURRENTLY AMENDED) Method for integrating or attaching, either wirelessly or by wires in whole or in part, the functional means of the powered interactive physical display apparatus[,] according to claim 4 ~~any one of claims 1-6, 11, 13, 17, 19 and 21-22~~, with at least one of distinct devices, objects and[/or by] programming, ~~so as to add selected new physical effects~~, the method comprising the following steps:

- a) selecting at least one or more integration candidate device[s] or product[s] from the ~~following~~ list of wired or wireless devices consisting of:[,] electronic books, remote control devices, fingerprint input devices, audio devices, video devices, medical devices, therapy devices, rehabilitation

Application Number 09/856,228 (Linden) Art Unit: 3725 Page 7 of 17

devices, monitoring devices, chiropractic devices, massage devices, exercise devices, phones, pagers, Internet access devices, electronic stimulation devices, medicine and reward vaults, entertainment devices, thermal therapy devices, virtual reality systems, single and multi-player game devices, gambling devices, computer systems, exercise devices, sleep monitoring and sleep enhancing devices, magnetic, light, radio frequency and infrared treatment and therapy devices, bio-vital signs devices and breathing monitoring devices, alarm devices, automotive systems and components, sporting devices, contest related devices, toys, stuffed animals and characters, eldercare, childcare and animal care devices, clothing, wearable devices, and GPS devices ~~and all such possible combinations of devices or products listed above,~~

b) applying such appropriate modification steps to the selected candidate device[s.] or product[s] ~~or combinations thereof~~ as necessary to integrate the ~~desired selected physical display~~ functionalities of the apparatus of claim 4, and

c) producing at least one so modified apparatus completing said modification steps, testing and modifying and retesting as necessary.

~~Wherein, thereby adding one or more new powered interactive physical display capabilities to known devices which heretofore lacked such capabilities.~~

26. (New) The apparatus of claim 4, further comprising one or more transceivers, or one or more transmitters and receivers, the apparatus operable therewith to receive an input signal from another apparatus coupled over at least one communication

Application Number 09/856,228 (Linden) Art Unit: 3725 Page 8 of 17

network to the apparatus and to deliver at least a tactile stimuli to the user in response to the input signal from the another apparatus.

27. (New) The apparatus of claim 26, further operable to communicate at least one of audio, video, and text signals between the apparatus and the another apparatus.

28. (New) The apparatus of claim 27, further operable to deliver the tactile stimuli to the user in response to a signal from the another apparatus during communication of the at least one of audio, video, and text signals between the apparatus and the another apparatus.

29. (New) The apparatus of claim 26, further operable to execute at least one application that allows the user to play at least one tactile-enhanced application including at least one game using the apparatus.

30. (New) The apparatus of claim 29, wherein the game comprises at least one casino style game.

31. (New) The apparatus of claim 29, further operable to execute at least one application that allows multiple remote users to interactively play the at least one game or other application.

Application Number 09/856,228 (Linden) Art Unit: 3725 Page 9 of 17

32. (New) The apparatus of claim 26, the another apparatus comprising:
a transducer, the another device operable therewith to receive an input from another user and to produce there from another input signal,
an output component, the apparatus therewith operable to deliver a tactile stimuli to the another user, and
a transceiver, the another apparatus therewith operable to receive the input signal from the apparatus and to deliver a tactile stimuli to the another user in response to the input signal from the apparatus, and wherein the apparatus is further operable to deliver the tactile stimuli to the user in response to the another input signal from the another apparatus.
33. (New) The apparatus of claim 32, wherein the apparatus and the another apparatus are sister devices and wherein the input signal from the another apparatus causes the apparatus to deliver a tactile stimuli that is essentially a mirror of the input from the first user.
34. (New) The apparatus of claim 32, wherein the apparatus and the another apparatus are sister devices and wherein the input signal from the other apparatus causes the apparatus to deliver a stimuli that is essentially dissimilar to the input from the first user.
35. (New) The apparatus of claim 34, wherein the input from the user comprises a squeezing or hugging of at least the transceiver and wherein the tactile stimuli comprises an expansion of the output component.

Application Number 09/856,228 (Linden) Art Unit: 3725 Page 10 of 17

36. (New) The apparatus of claim 26, wherein the apparatus is a handheld device comprising of at least one component or hybrid component for displaying video images, at least including virtual representations for guiding user tactile-inputs, including tactile-output at least for confirming or further aiding the user with said inputs or visual information suggesting additional tactile inputs.

37. (New) The apparatus of claim 26, wherein the apparatus is a handheld device comprising of at least one component or hybrid component for displaying video images, at least including time or rhythm coordinated or non-coordinated visual clues, icons or other visual information to enhance tactile output or to inform the user of a pending tactile or tactile enhanced output or event.

38. (New) The apparatus of claim 26, wherein the apparatus is a handheld device comprising of a removable additional outer covering not necessary for operation of the apparatus.